

Title (en)

SIDE-CHANNEL MACHINE (COMPRESSOR, VACUUM PUMP OR BLOWER) HAVING AN EXTRACTION DUCT IN THE STRIPPER

Title (de)

SEITENKANAL-MASCHINE (VERDICHTER, VAKUUMPUMPE ODER GEBLÄSE) MIT EINEM ENTNAHMEKANAL IM ABSTREIFER

Title (fr)

MACHINE À CANAL LATÉRAL (COMPRESSEUR, POMPE À VIDE OU SOUFFLANTE) MUNIE D'UN CANAL DE PRÉLÈVEMENT DANS LE DÉFLECTEUR

Publication

EP 3325812 A1 20180530 (DE)

Application

EP 16738825 A 20160715

Priority

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Abstract (en)

[origin: CA2992672A1] The invention relates to a side-channel machine having a housing (4a), located in the housing (4a) a side-channel (28) for guiding a gas, and at least one gas inlet opening (34) which is formed in the housing (4a) and is fluidically connected to the side-channel (28). Furthermore, the side-channel machine has at least one gas inlet pipe (29a) which connects to the at least one gas inlet opening (34). The side-channel machine further comprises at least one gas outlet opening (33) and at least one gas outlet pipe (31a) which connects to the at least one gas outlet opening (33). Furthermore, the side-channel machine has an impeller that can be made to rotate in the housing (4a), with impeller blades, which bound impeller cells arranged in the side-channel (28), for delivering the gas in the impeller cells from the at least one gas inlet opening (34) to the at least one gas outlet opening (33). The side-channel machine further has at least one interrupter (39) arranged between the at least one gas inlet opening (34) and the at least one gas outlet opening (33).

IPC 8 full level

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